

CONTENTS OF VOLUME 24

Number 1

| | |
|--|----|
| Cattle Accumulation and the Commercialization of the Traditional Livestock Industry in Botswana | 1 |
| Roy H. Behnke, Jr (Great Britain) | |
| Smallholder Farmers and Forestry Development: A Study of Rural Land Use in Bendel, Nigeria | 31 |
| G. J. Osemeobo (Nigeria) | |
| Land Use and Agricultural Practices in the Kainji Lake Area of Nigeria . . . | 53 |
| E. O. Adekolu-John (Nigeria) | |
| An <i>Ex ante</i> Economic Appraisal of Mono-cropping, Mixed Cropping and Inter-cropping of Annual and Perennial Crops | 67 |
| Nkwain Sama Joseph (Cameroon) | |

Number 2

| | |
|--|-----|
| Profitability Analysis of a Farming System in Africa | 81 |
| Michael Boateng, C. Brice Ratchford and Melvin Blase (USA) | |
| The Properties of Agroecosystems | 95 |
| Gordon R. Conway (Great Britain) | |
| Prospects for Grass-Clover Swards in Beef Production Systems: A Computer Simulation of the Practical and Economic Implications | 119 |
| C. J. Doyle, J. Morrison and S. Peel (Great Britain) | |
| A Model to Facilitate Farm Machinery Use and Cost Data Collection . . . | 149 |
| G. C. Misener and C. D. McLeod (Canada) | |
| Book Reviews | 159 |

Number 3

| | |
|--|-----|
| Soil Nitrogen and Fertilizer Recommendations for Irrigated Rice in the Philippines | 165 |
| Joyotee Smith (Australia), H. U. Neue and Gloria Umali (Philippines) | |
| Models for Systems Analysis of Potato Integrated Pest Management . . . | 183 |
| D. A. Haith, G. S. Farmer and G. B. White (USA) | |

| | |
|---|-----|
| Computer Simulation of Monitoring Herd Productivity Under Extensive Conditions: Sampling Error of Herd Size and Offtake Rate | 199 |
| R. Baptist (West Germany) | |
| Crop Yields under the Traditional Cropping Patterns in a Middle-Belt Savanna Agro-ecological Zone of Nigeria | 211 |
| B. A. Kalu and J. C. Norman (Nigeria) | |
| Determination of Potential Yield-limiting Factors of Soybeans Using SOYMOD/OARDC | 221 |
| D. L. Elwell, R. B. Curry and M. E. Keener (USA) | |
| Book Reviews | 243 |

Number 4

| | |
|---|-----|
| Irrigation Water Policy Effects on Regional Crop Allocations in Peru | 249 |
| L. R. Zavaleta (USA) | |
| Using the Concept of Physiological Age to Predict the Efficiency of Growth in Beef Animals | 269 |
| O. J. Loewer, L. W. Turner, N. Gay, R. Muntifering and C. J. Brown (USA) | |
| Reconciling Conflicts in Sequential Cropping Patterns Through Plant Breeding: The Example of Cotton and Wheat in Pakistan's Punjab | 291 |
| Derek Byerlee, M. Ramzan Akhtar and Peter R. Hobbs (Pakistan) | |
| Plantable Stem Supply System for IITA Cassava Varieties in Oyo State of Nigeria Malachy O. Akoroda, A. Ebun Oyinlola and Tesfaye Gebremeskel (Nigeria) | 305 |
| Letter to the Editor | 319 |
| Book Reviews | 325 |

